

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 0390112

Examiner Helane Myers

In re application:  
PETER J. JESSUP ET AL.

Serial No. 08/409,074  
Filed: March 22, 1995

GASOLINE FUEL

Assistant Commissioner For Patents  
Washington, D. C. 20231

Dear Sir:

PRELIMINARY AMENDMENT No. 3

Prior to the next Office Action, please amend the claims  
of the above-identified patent application as follows:

181. (Twice Amended) A [method for operating an  
automotive vehicle] having a spark-induced, internal combustion  
engine and a catalytic converter to yield a reduced amount of NOx,  
CO, or unburned hydrocarbons as compared to combusting fuel A/O AVE  
in said engine, the method comprising:

(1) introducing into the engine an unleaded gasoline  
suitable for combustion in an automotive engine and selected from  
the group consisting of

(a) unleaded gasolines having a Reid Vapor Pressure  
less than 7.0 psi, an octane value of at least 87, a 10% D-86  
distillation point no greater than 158 °F, a 50% D-86 distillation  
point no greater than 210 °F, a 90% D-86 distillation point no  
greater than 315° F., and a paraffin content greater than 72 volume  
percent;

(b) unleaded gasolines having a Reid Vapor Pressure  
less than 7.0 psi, an octane value of at least 92, a 10% D-86  
distillation point no greater than 158 °F, a 50% D-86 distillation  
point no greater than 210 °F, a 90% D-86 distillation point no  
greater than 315° F., and a paraffin content greater than 65 volume